



Substitute for form 1449A/PTO

# **SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

## **Complete if Known**

Application Number	10/680,449
Filing Date	October 6, 2003
First Named Inventor	Huang
Art Unit	1635
Examiner Name	L.V. Wollenberger
Attorney Docket Number	1438.01

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
LW		BRUMMELKAMP et al., "A System for Stable Expression of Short Interfering RNAs in Mammalian Cells", <i>Science</i> , April 19, 2002, 296:550-553.	
		CAMPBELL et al., "Knockdown of chimeric glucocerebrosidase by green fluorescent protein-directed small interfering RNA", <i>Genetics and Molecular Research</i> , June 14, 2004, 3(2):282-287.	
		CAPLEN et al., "Specific inhibition of gene expression by small double-stranded RNAs in invertebrate and vertebrate systems", <i>Proc. Natl. Acad. Sci. USA</i> , August 14, 2001, 98(17):9742-9747.	
		CAPLEN et al., "Specific inhibition of gene expression by small double-stranded RNAs in invertebrate and vertebrate systems", <i>Proc. Natl. Acad. Sci. USA</i> , August 14, 2001, 98(14):9742-9747, Supplementary Material, Table 2. Sequences of RNA oligonucleotides, 1 page.	
		CASTANOTTO et al., "Functional siRNA expression from transfected PCR products", <i>RNA Journal</i> , 2002, 8:1454-1460.	
		CHIU et al., "RNAi in Human Cells: Basic Structural and Functional Features of Small Interfering RNA", <i>Molecular Cell</i> , September 2002, 10:549-561.	
		CHIU et al., "RNAi in Human Cells: Basic Structural and Functional Features of Small Interfering RNA", <i>Molecular Cell</i> , September 2002, 10:549-561. Supplemental Data: Description, Figure S1, Figure S2, 3 pages.	
		DOENCH et al., "siRNAs can function as miRNAs", <i>Genes &amp; Development</i> , 2003, 17:438-442.	
		DONZE et al., "RNA interference in mammalian cells using siRNAs synthesized with T7 RNA polymerase", <i>Nucleic Acids Research</i> , 2002, 30(10):1-4.	
		ELBASHIR et al., "Analysis of gene function in somatic mammalian cells using small interfering RNAs", <i>Methods</i> , 2002, 26:199-213.	
		ELBASHIR et al., "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells", <i>Nature</i> , May 24, 2001, 411:494-498.	
		ELBASHIR et al., "Functional anatomy of siRNAs for mediating efficient RNAi in <i>Drosophila melanogaster</i> embryo lysate", <i>The EMBO Journal</i> , December 3, 2001, 20(23):6877-6888.	
V		HOLEN et al., "Positional effects of short interfering RNAs targeting the human coagulation trigger Tissue Factor" <i>Nucleic Acids Research</i> , April 2002, 30(8):1757-1766.	

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LW		LEE et al., "Expression of small interfering RNAs targeted against HIV-1 rev transcripts in human cells", <i>Nature Biotechnology</i> , May 2002, 19:500-505.		
		LEIRDAL et al., "Gene silencing in mammalian cells by preformed small RNA duplexes", <i>Biochemical and Biophysical Research Communications</i> , 2002, 295:744-748.		
		MARTINEZ et al., "Single-Stranded Antisense siRNAs Guide Target RNA Cleavage in RNAi", <i>Cell</i> , September 6, 2002, 110:563-574.		
		MIYAGISHI et al., "U6 promoter-driven siRNAs with four uridine 3' overhangs efficiently suppress targeted gene expression in mammalian cells", <i>Nature Biotechnology</i> , May 2002, 20:497-500.		
		NAGY et al., "Small interfering RNAs suppress the expression of endogenous and GFP-fused epidermal growth factor receptor (erbB1) and induce apoptosis in erbB1-overexpressing cells", <i>Exp Cell Res.</i> , April 15, 2003, 285(1):39-49.		
		PARRISH et al., "Functional Anatomy of a dsRNA Trigger: Differential Requirement for the Two Trigger Strands in RNA Interference", <i>Molecular Cell</i> , November 2000, 6:1077-1087.		
		PADDISON et al., "Short hairpin RNA's (shRNAs) induce sequence-specific silencing in mammalian cells", <i>Genes &amp; Development</i> , April 15, 2002, 16(8):948-958.		
		PAUL et al., "Effective expression of small interfering RNA in human cells", <i>Nature Biotechnology</i> , May 2002, 20:505-508.		
		RUBINSON et al., "A lentivirus-based system to functionally silence genes in primary mammalian cells, stem cells and transgenic mice by RNA interference", <i>Nature Genetics</i> , March 2003, 33:401-406.		
		SEMIZAROV et al., "Specificity of short interfering RNA determined through gene expression signatures", <i>Proc. Natl. Acad. Sci. USA</i> , May 27, 2003, 100(11):6347-6352.		
		SUI et al., "A DNA vector-based RNAi technology to suppress gene expression in mammalian cells", <i>Proc. Natl. Acad. Sci. USA</i> , April 16, 2002, 99(8):5515-5520.		
		TISCORNIA et al., "A general method for gene knockdown in mice by using lentiviral vectors expressing small interfering RNA", <i>Proc. Natl. Acad. Sci. USA</i> , February 18, 2003, 100(4):1844-1848.		
✓		XIA et al., "siRNA-mediated gene silencing in vitro and in vivo", <i>Nature Biotechnology</i> , October 2002, 20:1006-1010.		

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